



Dart Aerospace Ltd.
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Canada

Tel (613) 632-5200

D3161-7
Job Sheet 172335



Part No: D3161-7

Job Qty: 6 ea

Part Name: Hinge 14.0"



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/15/18

Job Tracking No:

Due Date: 2/23/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A2 IPP A 04.08.24 New Issue KJ/JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		2/22/18	0.00	0.00	Start Up Small Fab-1		FF
100	Small Fab	6 pcs		2/23/18	0.00	0.45	Small Fab-2		DAS FF
110	QC	6 pcs		2/23/18	0.00	0.00	QC5		38
120	Packaging	6 pcs		2/23/18	0.00	0.00	Packaging3-1	57483	9-16-2018
130	QC21-SA	6 Ea		2/23/18	0.00	0.00	QC21		DAS 21 FEB 16 2018

Part Op 100 - (1) 72" Hinge makes (5) D3161-7 parts at 14" long
Descriptions:

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MS20257-3-7200	Piano Hinge	7.2000 ft (1.2 ea)	90-Start up Operation	5024439

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MS20257-3-7200	7	43	0

Part Specifications

Specifications could not be found.

Plex 2/15/18 1:00 PM Dart.lajeunesse.marie

WORK ORDER N

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Reworded _____ Scrapped _____ Use-as-is _____ Suspected Unapproved _____
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Date :	Step #:
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Description Work Order Deviation

**QC / QA Coordinator
Approval**

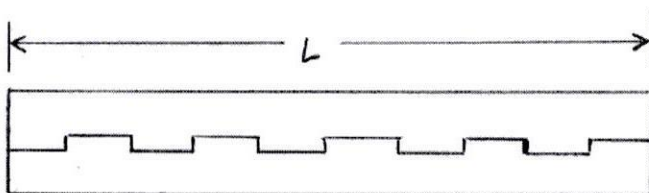
Root Cause			FAULT CATEGORY					
Environment		No Re-verification	Pressure/Forced	Temperature/Cure	Power Loss/Surge	Positioned Wrong		
Design		Operator	Bending	Set-up	Folio/Program	Outside Dimensions		
Doc/Data		Offset/Setup	Centre Not Concentric	BOM/Route	Grain	Over/Under tolerance		
Equip/Tooling		Supplier	Cracks	Broken/Damage/Defect	Weld	Part Incorrect		
Handling/Pre		Training	Crimp/Kink/Ripple/Wave	Inspection Incomplete/Unqualified	Wrong Stock Pulled	Part Lost/Missing		
Material		Use for Testing	Cuffs	Contamination	Out of Sequence	Part Moved		
Internal Transport		Poor Information	Crushing	Countersink	Off-set	Drawing		
Tribal Knowledge		Rushing	Heat Treat	Cut Too Short	Mislabeled	Finish		
LOA		Product Improvement	Wave/Twist in Tube	Instructions Incomplete/Unclear	Fit/Function	Misread		
Substation		Process Improvement	Marks/Chatter	Drill Holes	Misaligned/off center	Turning Sequence		
Past Expiry Date		Manufacturing Process						
Misidentified		Past Due	OTHER :					



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED KF	APPROVED #	DRAWING NO. D3161	REV. A SHEET 1 OF 1
DATE 02.04.24		TITLE HINGE	SCALE NTS
A	02.04.24	NEW ISSUE	
A1	04.02.27	ADDED D3161-5	
A2	04.06.30	ADD D3161-7 & D3161-9	

RELEASED
02.04.24

P/N	LENGTH 'L'	DESCRIPTION
D3161-1	13.5"	HINGE (REPLACES MS20257-3-13.5 ON D2183)
D3161-3	15.0"	HINGE (REPLACES MS20257-3-15.0 ON D2950-041)
D3161-5	9.9"	HINGE
D3161-7	14.0"	HINGE
D3161-9	17.0"	HINGE



NOTES:

- ① MAKE FROM MS20257-3-7200 HINGE

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED CC
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 172535 M/S
(402-1)

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									